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PATENT  
Attorney Docket No.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Sanders et al. GROUP NO.: 3742  
SERIAL NO.: 10/784,084 EXAMINER: Not yet assigned  
FILING DATE: February 20, 2004  
TITLE: Process and Apparatus for Cutting or Welding a Workpiece

***CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8***

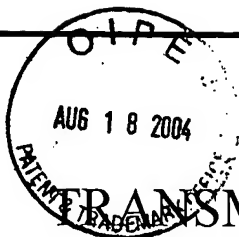
I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 16 day of August, 2004.

*Jamie Crystal-Lowry*  
\_\_\_\_\_  
Jamie Crystal-Lowry

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are: Transmittal Form (1 page); Supplemental Application Data Sheet (6 pages) and Return postcard.



# TRANSMITTAL FORM

Application Serial Number	10/784,084
Filing Date	February 20, 2004
First Named Inventor	Sanders
Group Art Unit	3742
Examiner Name	Not yet assigned.
Attorney Docket No.	HYP-046C2
Patent No.	Not applicable
Issue Date	Not applicable

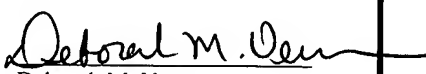
## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form  <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]  <input type="checkbox"/> Petition for Extension of Time  <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)  <input type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program  <input type="checkbox"/> Amendment After Allowance  <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)  <input type="checkbox"/> Status Inquiry  <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8  <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) 1) Supplemental Application Data Sheet
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## CORRESPONDENCE ADDRESS

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## SIGNATURE BLOCK

Respectfully submitted,  
  
Date: August 16, 2004  
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**SUPPLEMENTAL APPLICATION DATA SHEET**

**Application Information**

Application Number:: 10/784,084  
Filing Date:: February 20, 2004  
Application Type:: Regular  
Subject Matter:: Utility  
CD-ROM or CD-R?:: None  
Number of CD Disks:: 0  
Number of Copies of CDs:: 0  
Sequence Submission?:: No  
Computer Readable Form (CRF)?:: No  
Number of Copies of CRF:: 0  
Title:: Process and Apparatus for Cutting or Welding a  
Workpiece  
Attorney Docket Number:: HYP-046C2  
Request for Early Publication?:: No  
Request for Non-Publication?:: No  
Suggested Drawing Figure::  
Total Drawing Sheets:: 9  
Small Entity?:: No  
Licensed US Govt. Agency::  
Contract or Grant Numbers::  
Secrecy Order in Parent Appl.?:: No

**Applicant Information**

Application Authority Type:: Inventor  
Primary Citizenship Country:: U.S.A.  
Status:: Full Capacity  
Given Name:: Nicholas  
Middle Name:: A.  
Family Name:: Sanders  
Name Suffix::  
City of Residence:: Norwich

State or Province of Residence:: VT  
Country of Residence:: U.S.A.  
Street of Mailing Address:: Glen Ridge Road  
City of Mailing Address:: Norwich  
State or Province of Mailing Address:: VT  
Country of Mailing Address:: U.S.A.  
Postal or Zip Code of Mailing Address:: 05055

Application Authority Type:: Inventor  
Primary Citizenship Country:: U.S.A.  
Status:: Full Capacity  
Given Name:: Richard  
Middle Name:: W.  
Family Name:: Couch  
Name Suffix:: Jr.  
City of Residence:: Hanover  
State or Province of Residence:: NH  
Country of Residence:: U.S.A.  
Street of Mailing Address:: 29 Lyme Road  
City of Mailing Address:: Hanover  
State or Province of Mailing Address:: NH  
Country of Mailing Address:: U.S.A.  
Postal or Zip Code of Mailing Address:: 03755

Application Authority Type:: Inventor  
Primary Citizenship Country:: U.S.A.  
Status:: Full Capacity  
Given Name:: Yong  
Middle Name::  
Family Name:: Yang  
Name Suffix::  
City of Residence:: Hanover  
State or Province of Residence:: NH

Country of Residence:: U.S.A.  
Street of Mailing Address:: 34 Lebanon Street, No. 6  
City of Mailing Address:: Hanover  
State or Province of Mailing Address:: NH  
Country of Mailing Address:: U.S.A.  
Postal or Zip Code of Mailing Address:: 03755

Application Authority Type:: Inventor  
Primary Citizenship Country:: U.S.A.  
Status:: Full Capacity  
Given Name:: Zhipeng  
Middle Name::  
Family Name:: Lu  
Name Suffix::  
City of Residence:: Hanover  
State or Province of Residence:: NH  
Country of Residence:: U.S.A.  
Street of Mailing Address:: 22 Rennie Road  
City of Mailing Address:: Hanover  
State or Province of Mailing Address:: NH  
Country of Mailing Address:: U.S.A.  
Postal or Zip Code of Mailing Address:: 03755

Application Authority Type:: Inventor  
Primary Citizenship Country:: U.S.A.  
Status:: Full Capacity  
Given Name:: Robert  
Middle Name:: C.  
Family Name:: Dean  
Name Suffix::  
City of Residence:: Norwich  
State or Province of Residence:: VT  
Country of Residence:: U.S.A.

Street of Mailing Address:: 5 Penny Lane  
City of Mailing Address:: Norwich  
State or Province of Mailing Address:: VT  
Country of Mailing Address:: U.S.A.  
Postal or Zip Code of Mailing Address:: 05055

Application Authority Type:: Inventor

Primary Citizenship Country:: U.S.A.

Status:: Full Capacity

Given Name:: Kenneth

Middle Name:: J.

Family Name:: Woods

Name Suffix::

City of Residence:: Lebanon

State or Province of Residence:: NH

Country of Residence:: U.S.A.

Street of Mailing Address:: 225 Slayton Hill Road

City of Mailing Address:: Lebanon

State or Province of Mailing Address:: NH

Country of Mailing Address:: U.S.A.

Postal or Zip Code of Mailing Address:: 03766

Application Authority Type:: Inventor

Primary Citizenship Country:: U.S.A.

Status:: Full Capacity

Given Name:: Charles

Middle Name:: M.

Family Name:: Hackett

Name Suffix::

City of Residence:: Hanover

State or Province of Residence:: NH

Country of Residence:: U.S.A.

Street of Mailing Address:: 12 Ridge Road

City of Mailing Address:: Hanover  
State or Province of Mailing Address:: NH  
Country of Mailing Address:: U.S.A.  
Postal or Zip Code of Mailing Address:: 03755

Application Authority Type:: Inventor  
Primary Citizenship Country:: U.S.A.  
Status:: Full Capacity  
Given Name:: John  
Middle Name::  
Family Name:: Sobr  
Name Suffix::  
City of Residence:: Lebanon  
State or Province of Residence:: NH  
Country of Residence:: U.S.A.  
Street of Mailing Address:: 141 Slayton Hill Road  
City of Mailing Address:: Lebanon  
State or Province of Mailing Address:: NH  
Country of Mailing Address:: U.S.A.  
Postal or Zip Code of Mailing Address:: 03766

Application Authority Type:: Inventor  
Primary Citizenship Country:: U.S.A.  
Status:: Full Capacity  
Given Name:: William  
Middle Name:: J.  
Family Name:: Connally  
Name Suffix::  
City of Residence:: Grantham  
State or Province of Residence:: NH  
Country of Residence:: U.S.A.  
Street of Mailing Address:: 12 Mill Pond Lane  
City of Mailing Address:: Grantham

State or Province of Mailing Address:: MA  
Country of Mailing Address:: U.S.A.  
Postal or Zip Code of Mailing Address:: 03753

**Correspondence Information**

Correspondence Customer Number:: 42532

**Representative Information**

Representative Customer Number:: 42532

**Domestic Priority Information**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application	Continuation of	10/314,645	12/09/02
10/314,645	Divisional of	09/665,650	09/20/00
09/665,650	Non-provisional of	60/155,078	09/21/99

**Foreign Priority Information**

Country:	Application Number:	Filing Date:	Priority Claimed:

**Assignee Information**

Assignee Information:: Hypertherm, Inc.  
City of Mailing Address:: Hanover  
State or Province of Mailing Address:: NH  
Country of Mailing Address:: U.S.A.